

Features

- **Non-metallic, Corrosion-proof Enclosure (gray, red, yellow, or orange)**
- **NEMA 4X Weather Rating with Door Closed and Latched; NEMA 3R with Door Open**
- **Embedded Browser (No Additional Interface Required) for Web Page Configuration**
- **SIP Compatible**
- **Power Over Ethernet or Alternative 24/48 Vdc Supply**
- **RJ45 LAN Direct Connection**
- **Heavy-duty Handset with Noise-cancelling Microphone, Hearing Aid-compatible Receiver, and Hytrel® Coiled Cord (6-ft. extended)**
- **Brushed Stainless Steel Front Panel with Push-button Volume Control**
- **Integral Electronic Ringer, 85 dB SPL**
- **Auto-dial Functionality**
- **Real-time Email Fault Reporting**
- **Compatible with TMA (Telephone Management Application) Software**
- **Four Programmable Inputs and Two Contact Closure Outputs**
- **Brushed Stainless Steel Front Panel**
- **Stainless Steel Security Mounting and Assembly Hardware**
- **Conformal-coated Printed Circuit Board**



Typical installation locations include:

- Food Processing Facilities
- Water Parks / Pools
- Ship-board, Seaboard Locations
- High Humidity Installations
- Wash-down, Hose-down Installations



GAI-TRONICS' VoIP NEMA 4X Handset Auto-dial Telephones are designed to provide direct, point-to-point communications between personnel via an existing Internet Protocol LAN. These telephones are intended for connection to a 10/100 BaseT Ethernet SIP network and operate using Power-over-Ethernet (PoE) or an alternative, external power source.

In addition to providing real-time alarm reporting, the Model 354-701 series VoIP telephone can be centrally monitored via our TMA software via a centralized PC to provide detailed reporting of the following:

- Configuration Error
- Cold Reset (power failure)
- Warm Reset (int. error)
- Keypad error/stuck buttons
- Microphone/Receiver fault
- Handset off hook
- Register fail

Embedded web pages held within the VoIP telephone can be accessed over a network using a browser (such as Internet Explorer®) to view, monitor, and change settings.

The 354-701 series VoIP Auto-dial Telephone offers true auto-dial functionality when the handset is removed from its cradle. This rugged telephone is weatherproof rated as NEMA 4X and will withstand a direct spray wash-down or severe weather conditions. The engineered plastic enclosure, conformal-coated printed circuit board, and stainless steel panel and hardware provide the maximum resistance to corrosion.

NEMA 4X VoIP Handset Telephone - Auto-dial

Model 354-701 Series



Specifications

Power

Network Power Power-over-Ethernet
802.3af compliant (via RJ45)
Local Power Requirements 24 to 48 V dc, 6 W

Network 10/100 BaseT Ethernet RJ45,
Cat5 or Cat5e UTP Static IP provisioning
or DHCP STUN client (NAT traversal)

Call Control Signalling SIP (RFC3261 compliant)
Loose routing

Inputs

Keypad 3 x 4 matrix
Configurable Inputs 4

Outputs (Configurable)

Output 1 8 A @ 30 V ac/dc (resistive load)
Output 2 5 A @ 30 V ac/dc (resistive load)

Controls

External Push-button volume control
Internal Mic bias, reset switch,
handset enable

Indicators

Internal Power, Heart beat, & EACT LED's
Configuration Embedded web server
Monitoring and Reporting Real-time over TCP/IP
proprietary Syslog application or email

Mechanical

Enclosure Engineered Plastic (gray, yellow, orange, red)
Panel 14 gauge, brushed 316 Stainless Steel
Handset/Cord G-style with 6-foot
(extended) Hytrel cord (standard)
with 15-inch armored cord option
Connection RJ45
Dimensions 14.6 H x 10.9 W x 10.5 D inches;
(371 x 276 x 267mm)
Mounting Wall or column, four 0.44-inch
(11mm) diameter mounting holes
Weight 12.0 lbs. (6.58 kg)

Approval Standards

Compliance to Standards FCC CRF 47 Part 15
Safety of Information Technology Equipment UL/CSA60950
Enclosures for Electrical Equipment Type 4X

Environmental

Operating Temperature - 4° F to +140° F (-20° C to +60° C)
Storage -40°C to +70°C
Humidity Up to 95% non-condensing
Enclosures for Electrical Equipment ... UL 50 TYPE 4X with door
closed and latched
PCBA (printed circuit board assembly) Conformal-coated

Ordering Information

Model No.	Description
354-701	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 6-ft. Hytrel Cord, Gray
354-701AC	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 15-in. Armored Cord, Gray
354-701OR	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 6-ft. Hytrel Cord, Orange
354-701ORAC	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 15-in. Armored Cord, Orange
354-701RD	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 6-ft. Hytrel Cord, Red
354-701RDAC	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 15-in Armored Cord, Red
354-701YL	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 6-ft. Hytrel Cord, Yellow
354-701YLAC	NEMA 4X VoIP Auto-dial Handset Telephone, w/ 15-in. Armored Cord, Yellow
12509-044	Telephone Management Application (TMA) Software (VoIP only)

Available Options Include:

LD - Keylock Door
SK - Spring Door Closure
H1 - 15 Ft. (extended) Hytrel® Cord



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Quality Management System Certified by DNV-GL - ISO 9001:2015. The policy of GAI-TRONICS is one of continuous improvement; therefore the company reserves the right to change specifications without notice.

